

WALTER REED ARMY INSTITUTE OF RESEARCH
WALTER REED ARMY MEDICAL CENTER
WASHINGTON 12, D. C.

Barn

IN REPLY REFER TO:



November 19, 1959

Dear Joshua,

Thank you very much for your letter. I have just recently seen the abstract by Hirota in "Genetics". We have not had any positive results with infective transfer, with a coli strain or with a Salmonella strain.

We have started some mouse virulence studies with S. typhosa hybrids (an artificial situation at best). There seems to be some loss of virulence by the 'diploid' type, however, this may be due to the slower growth rate exhibited by this form. Actually, I should prefer to examine mouse virulence in the case of S. typhimurium. Esther mentioned that she had developed some stocks of TM-9 having a number of selective markers. If available, I would appreciate a transfer of a strain of this kind to try the isolation of avirulent hybrids from E. coli Hfr x S. typhimurium; virulent hybrids from the reverse crosses eventually I hope.

I am unable to answer the question concerning derivation from HfrH or HfrC, but it would be very helpful if it could be established some way whether it was either or neither.

I am enclosing an abstract for comment (particularly as regards the last sentence) which we intend to submit for the SAB meeting in Philadelphia.

Best regards.

Sincerely yours,

Low

P. S. I heard from Seymour thru a friend visiting at Brown that he is 'superbly married'.